Title (en)
  Position determination method

Title (de)
  Verfahren zur Positionsbestimmung

Title (fr)
  Procédé de détermination de position

Publication
  EP 2182376 A3 20101020 (DE)

Application
  EP 09012484 A 20091002

Priority
  DE 102008050455 A 20081008

Abstract (en)
  [origin: EP2182376A2] The method involves receiving four radio signals (4a-4e) sent by different transmitter stations (1a-1e), and determining a channel impulse response of a transmission channel for each of the received radio signals. A direct signal path is treasured for each of the received radio signals on the basis of channel impulse response. A receipt position of the radio signals is determined by evaluating the estimated direct signal paths of the received radio signals. Independent claims are included for the following: (1) an arrangement of multiple transmitter stations; and (2) a positioning device.

IPC 8 full level
  G01S 5/02 (2010.01); **G01S 5/00** (2006.01); **G01S 19/22** (2010.01)

CPC (source: EP US)
  G01S 5/10 (2013.01 - EP US); **G01S 5/14** (2013.01 - EP US); **G01S 19/22** (2013.01 - EP US)

Citation (search report)
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  • [A] US 2004229637 A1 20041118 - WANG XIAOHUI [SE], et al
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Designated contracting state (EPC)
  AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)
  AL BA RS

DOCDB simple family (publication)
  EP 2182376 A2 20100505; **EP 2182376 A3 20101020**; **EP 2182376 B1 20121226**; DE 102008050455 A1 20100415; DE 102008050455 B4 20130131; ES 2402188 T3 20130429; US 2010091820 A1 20100415; US 8212724 B2 20120703

DOCDB simple family (application)
  EP 09012484 A 20091002; DE 102008050455 A 20081008; ES 09012484 T 20091002; US 57524709 A 20091007